

Figure 1

Prior Art



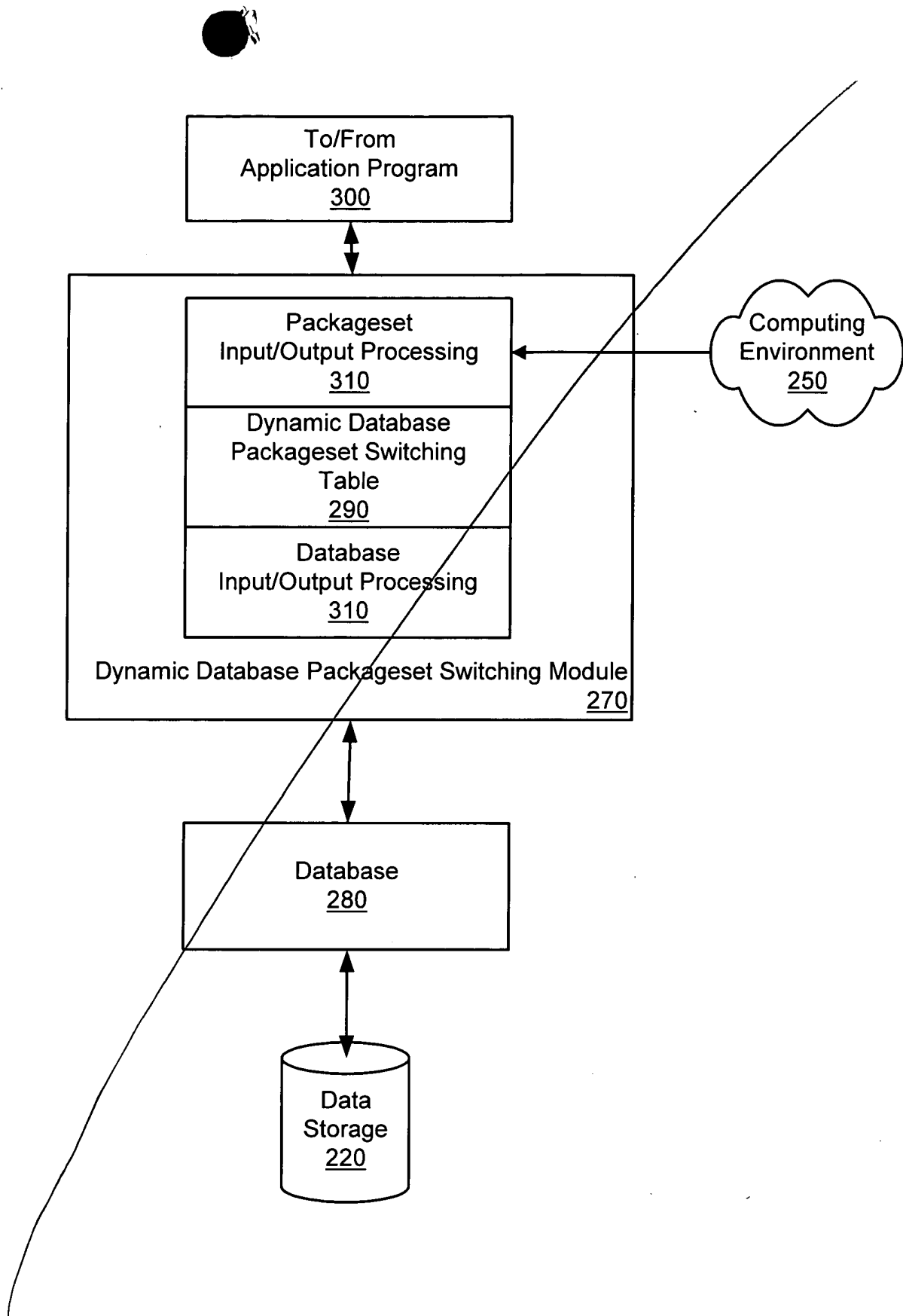


Figure 2a

Prior Art

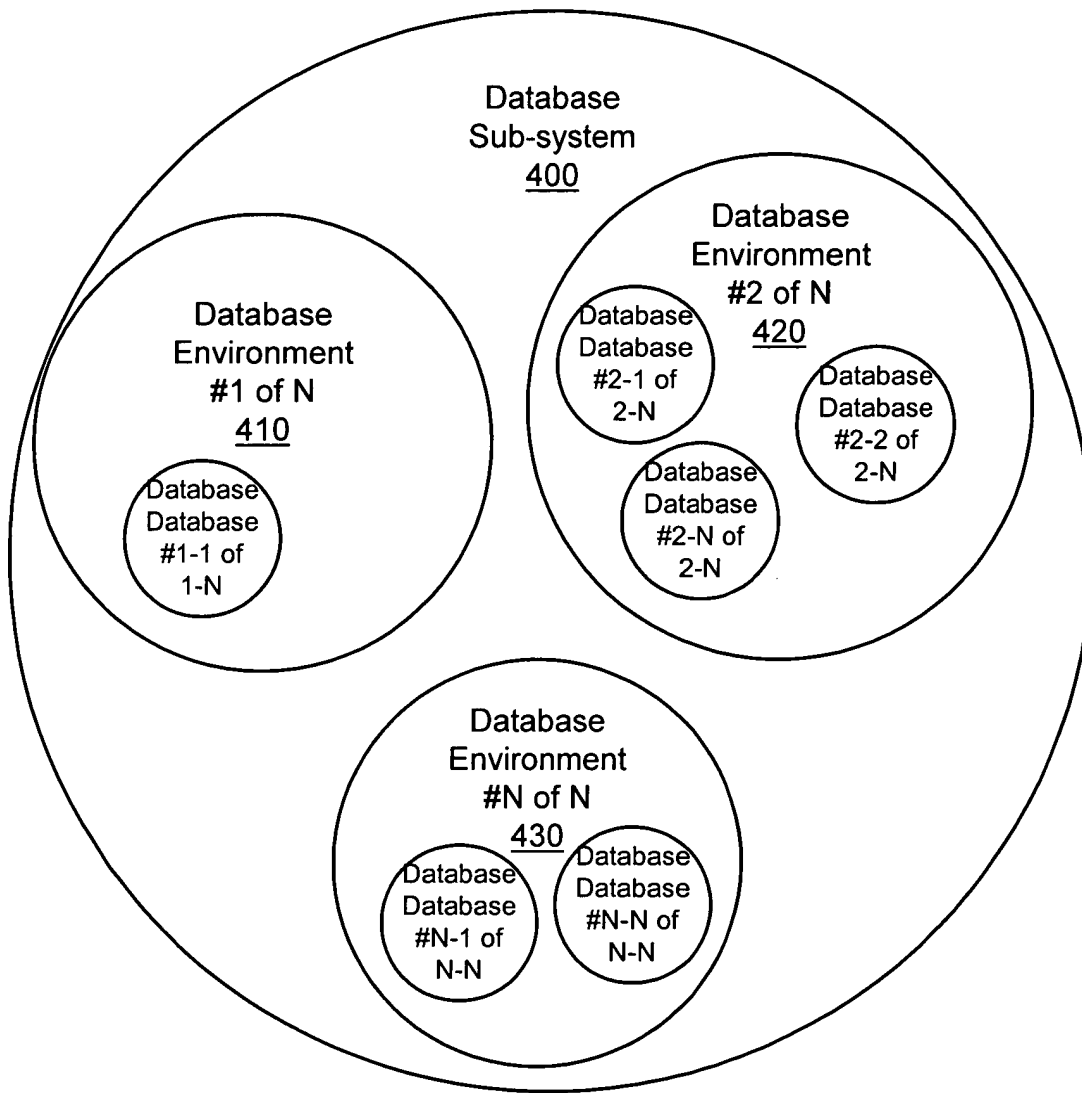


Figure 4

Prior Art

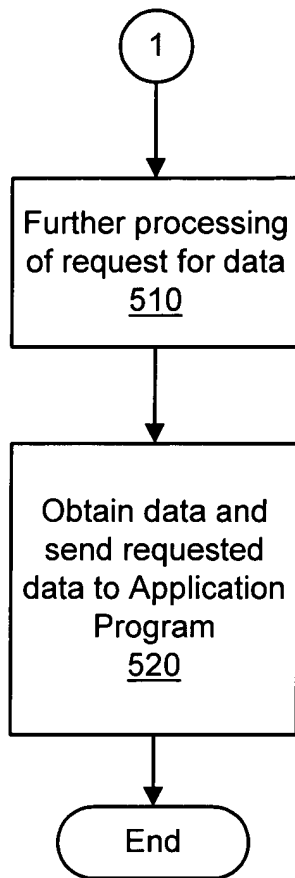


Figure 5a



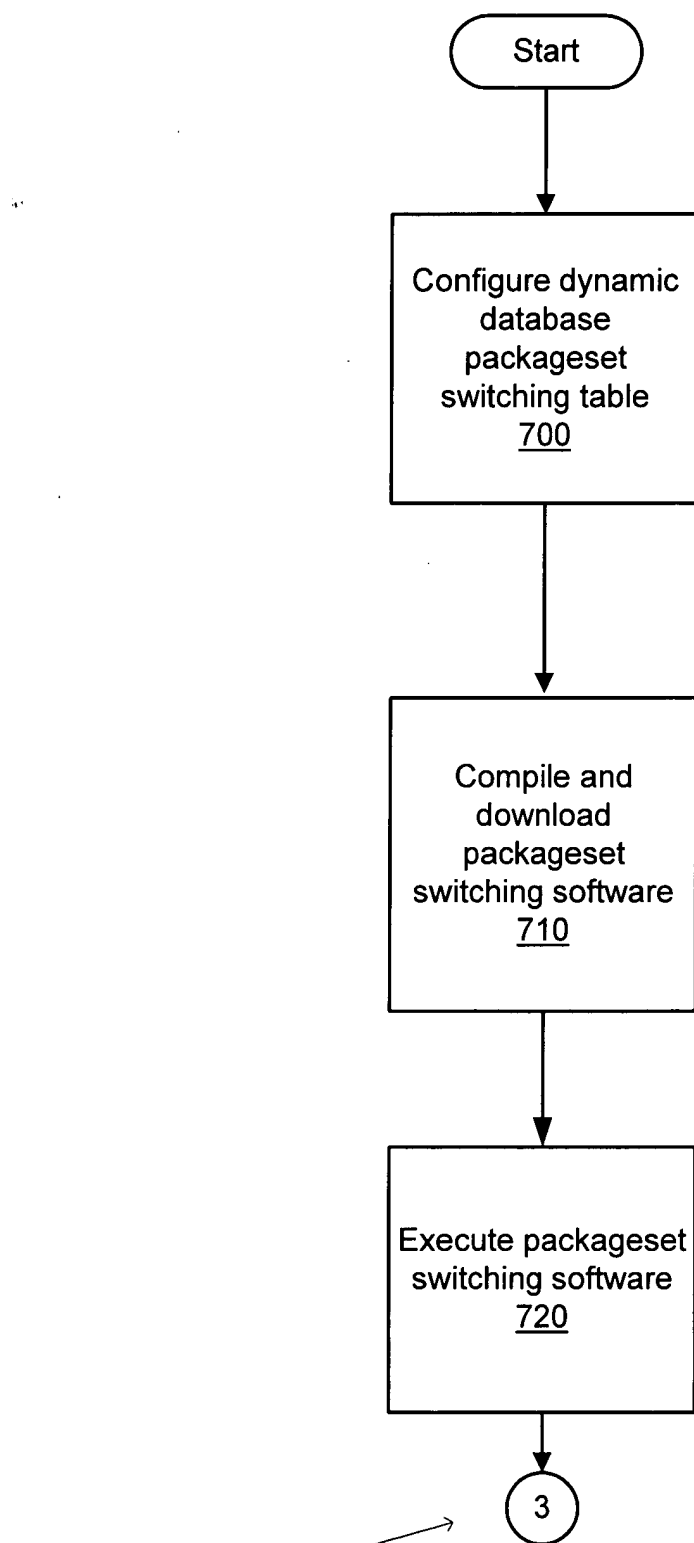


Figure 7a

Detail of 602
Figure 6

From Figure 7a

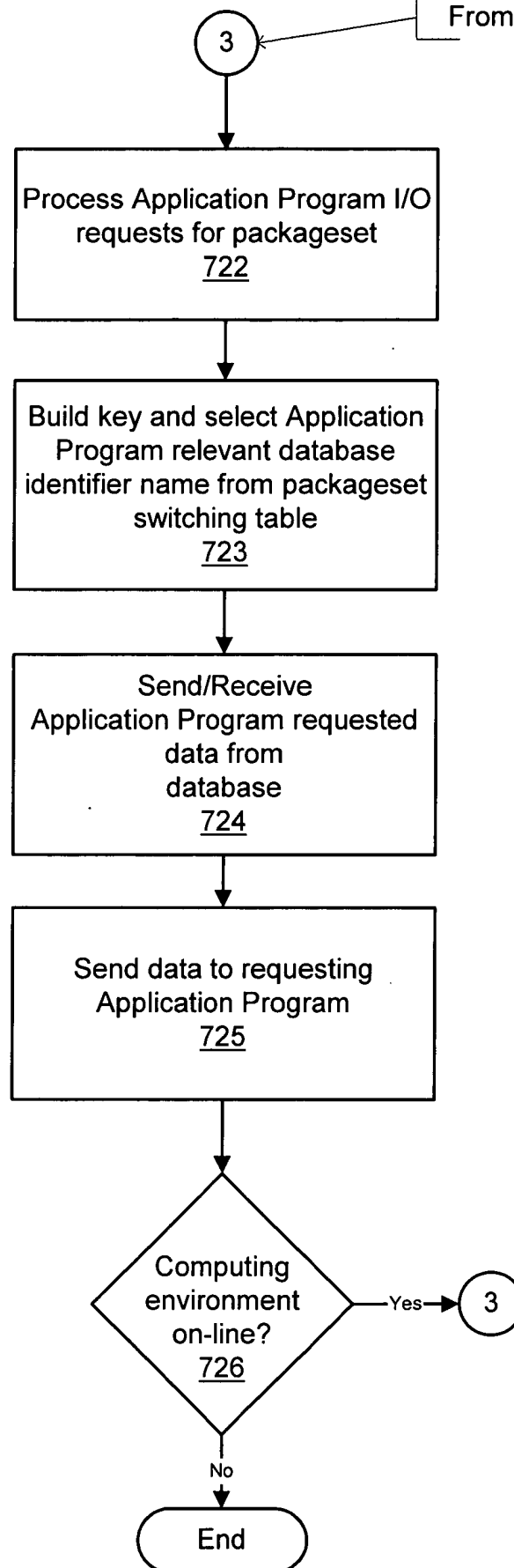


Figure 7b

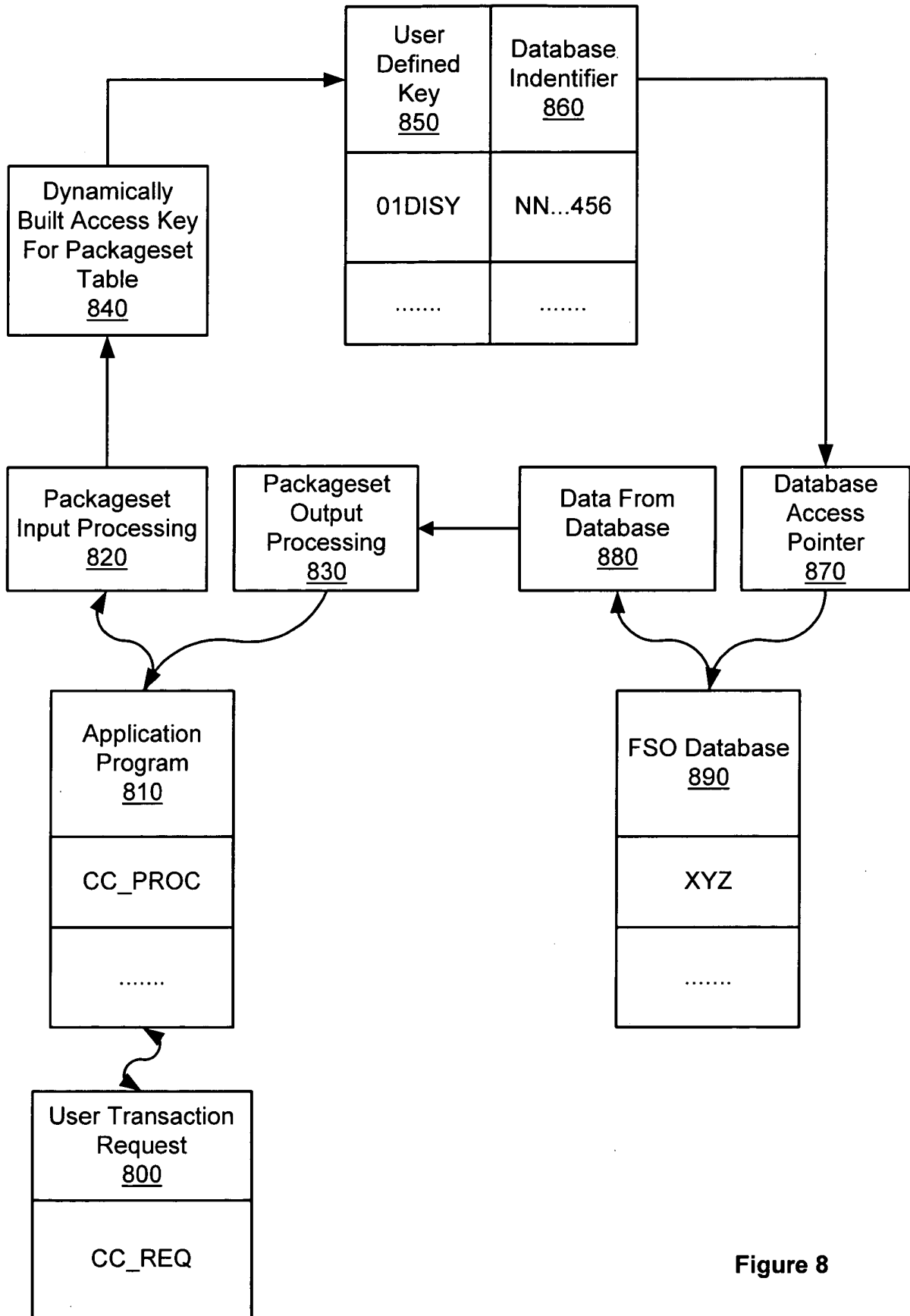
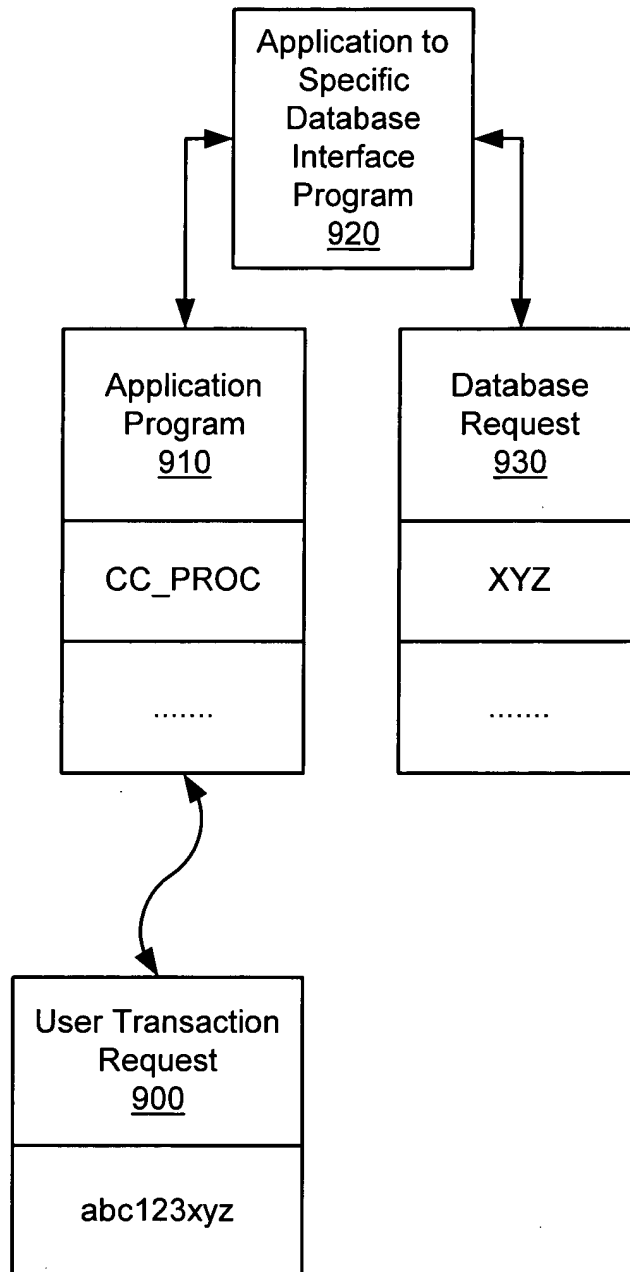


Figure 8



PRIOR ART

Figure 9

122 <u>DICTIONARY ELEMENTS</u>	124 <u>USEABLE IN KEYS?</u>	<u>120</u>
A	NO	
B	NO	
C	NO	
D	NO	
E	NO	
F	NO	
G	NO	
H	NO	
I	NO	
J	NO	
K	NO	
L	NO	
M	NO	
N	YES	
O	YES	
P	YES	
Q	YES	
R	YES	
S	YES	
T	YES	
U	YES	
V	YES	
W	YES	
X	YES	
Y	YES	
Z	YES	

FIGURE 10

132

134

130

<u>AVAILABLE KEY ELEMENTS</u>	<u>USEABLE IN KEY?</u>
N	NO
O	NO
P	NO
Q	NO
R	NO
S	NO
T	NO
U	NO
V	YES
W	YES
X	YES
Y	YES
Z	YES

FIGURE 11

142

144

146

140

<u>AVAILABLE KEY ELEMENTS</u>	<u>USE AS KEY FIELD?</u>	<u>SEQUENCE</u>
V	NO	N/A
W	YES	2
X	YES	1
Y	NO	N/A
Z	YES	3

FIGURE 12

<u>KEY FIELD</u>	<u>FIELD SEQUENCE</u>	<u>ELEMENT NAME</u>	<u>FIELD LENGTH</u>	<u>FIELD TYPE</u>
X	1	COMPANY ID	2	NUMERIC
W	2	CREDIT CARD TYPE	3	CHARACTER
Z	3	ON US/NOT ON US	1	CHARACTER

FIGURE 13

<u>ROW</u>	<u>KEY VALUES</u>			<u>PACKAGESET SWITCHING TABLE VALUES</u>
	<u>X</u>	<u>W</u>	<u>Z</u>	<u>DATABASE IDENTIFIER VALUE</u>
<u>1</u>	12	VIS	Y	NN1234567890123456
<u>2</u>	12	DIS	Y	NN1234567890123457
<u>3</u>	12	*	*	NN1234567890123458
<u>4</u>	12	*	Y	NN1234567890123459
<u>5</u>	14	VIS	N	NN1234567890123460
<u>6</u>	14	DIS	N	NN1234567890123461
<u>7</u>	*	*	*	NN1234567890123462

FIGURE 14

